

Region 3 GPRA Baseline RCRA Corrective Action Facility

Viasystems Technologies Corp. (Formerly: Lucent, Circo Craft, AT&T)

**4500 Laburnum Avenue
Richmond, VA 23231
Congressional District 3
EPA ID #: VAD066000993
Last Updated 12/30/2003**

Current Progress at the Site

In September 1996 EPA issued an Administrative Order requiring groundwater remediation, through a pump and treat system to drinking water standards. That system included twelve groundwater extraction wells; a treatment system with strippers, carbon adsorption, solvent recovery, chemical feed and iron removal; and environmental sampling of surface water, groundwater and associated reporting.

In the Spring of 2000, Lucent, now known as Agere Systems Inc., implemented a series of improvements to enhance performance of the existing groundwater remediation system. These enhancements included:

- installation of four new perimeter extraction wells to cut off flow along an apparent preferential pathway;
- installation of a new extraction well in the source area;
- modification of the three existing extraction wells and the new source area extraction well to vacuum-enhanced recovery;
- rehabilitation of the perimeter extraction wells; and,
- revision of the operation and maintenance of the extraction and treatment system to minimize downtime.

A review of the groundwater data collected to monitor the performance of the remediation system indicates that overall the facility contaminants of concern have been contained and the levels have been reduced. Recent data indicates slightly elevated levels in the area northwest of the facility along Laburnum Ave. To investigate this further Agere collected additional groundwater samples in that area. The results confirmed that the contaminants from the former Lucent facility are not migrating in the area along Laburnum Ave. and the groundwater recovery system is operating as intended.

Site Description

The former Lucent Technologies Richmond Works facility, about 120 acres in size, is located in eastern Henrico County, about five miles east of Richmond, Virginia. The Richmond facility was constructed in 1972. Storage and use of chlorinated solvents at the

Richmond Works facility until 1989 contributed to the on-site groundwater contamination at the site. A record of decision (ROD) was issued by the EPA in 1991. The ROD specified a schedule for design and installation of a groundwater remediation system, which has been operational since February 1995.

In 1996 Lucent sold the facility to Viasystems Technologies Corporation, however Lucent retained responsibility for remediation of the impacted groundwater. In February 2001, Lucent Technologies Inc. spun off its Microelectronics Group as a new company named Agere Systems Inc., (Agere). With the separation of Agere from Lucent, Agere assumed all responsibility for the cleanup work. Manufacturing operations at the facility ceased in June 2001.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under an EPA Region III 3008(h) Corrective Measures Implementation Unilateral Order.

Contaminants

The contaminants of concern, 1,1,1-trichloroethane (TCA) and methylene chloride (MC), were used in a large-scale at the facility. The associated degradation products of TCA and MC (primarily 1,1-dichloroethane - DCA; and 1,1-dichloroethene - DCE) have also been detected.

Community Interaction

In 1991, EPA held a public meeting in Richmond to address comments on the proposed remedy. Written and oral comments on the remedy were addressed in the Record of Decision (ROD). There has been very little public interest in the site cleanup since that time.

Government Contacts

EPA Project Manager
Mr. Russell Fish - 3WC23
U.S. Environmental Protection Agency - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3226
Email: fish.russell@epa.gov

Ms. Leslie Romanchik
Virginia Department of Environmental Quality
P.O. Box 10009
Richmond, VA 23240
Phone: (804) 698-4129
Email: laromanchi@deq.state.va.us

For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contact

Marianne Santarelli, CIH, CSP
Manager
EH&S Operations and Performance
Agee Systems Inc.
Room 12 K 303
1110 American Parkway NE
Allentown, Pennsylvania 18109
Phone: (610) 712-1646
Email: msantarelli@agere.com